FIG.1

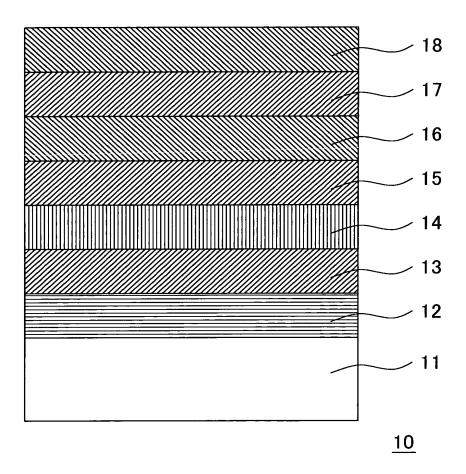


FIG.2

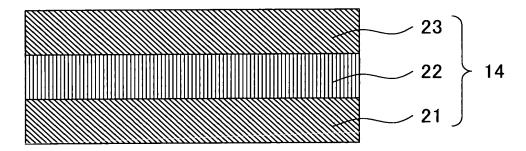


FIG.3

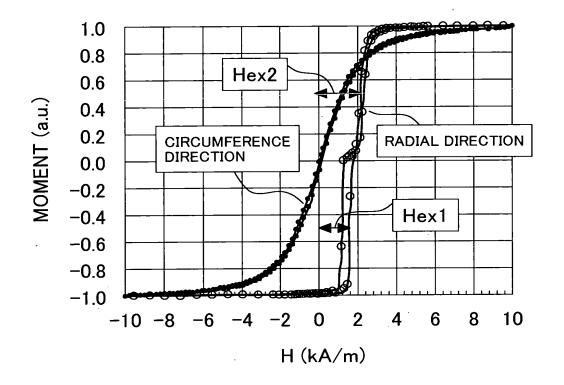


FIG.4A

**EXCHANGE BIAS FIELD (Hex)** 

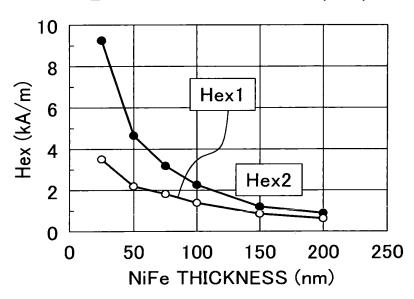


FIG.4B

COERCIVITY (Hc)

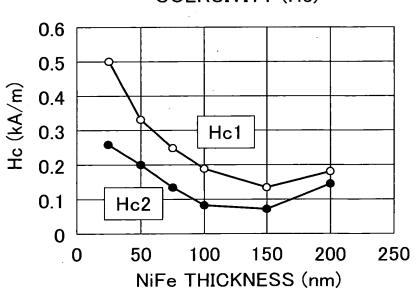


FIG.5A

**EXCHANGE BIAS FIELD (Hex)** 

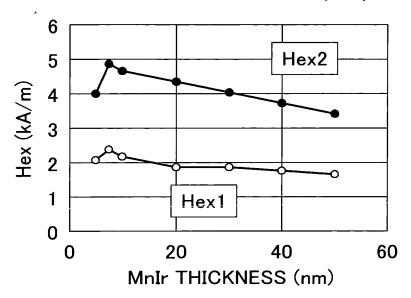


FIG.5B

COERCIVITY (Hc)

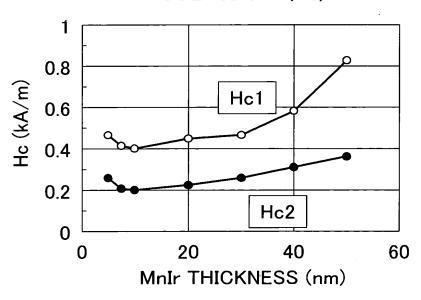
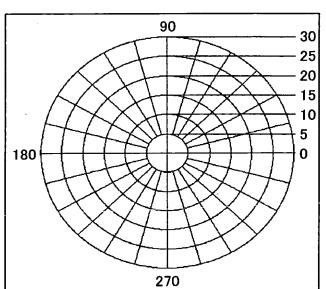
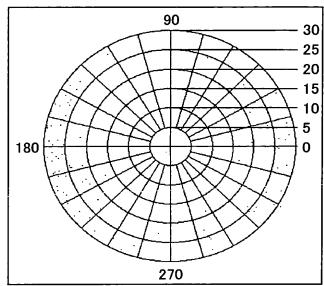


FIG.6

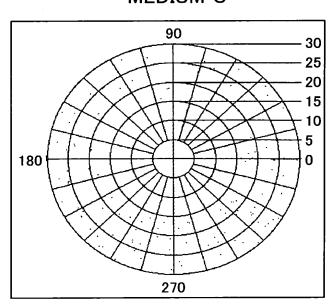
**MEDIUM A** 



**MEDIUM B** 



MEDIUM C



MEDIUM D (REFERENCE)

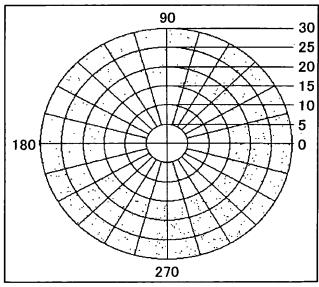


FIG.7

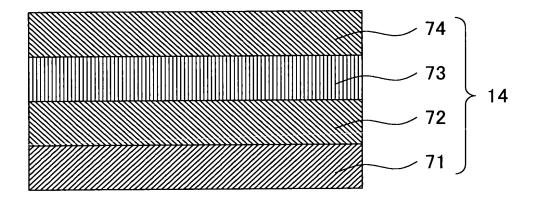


FIG.8

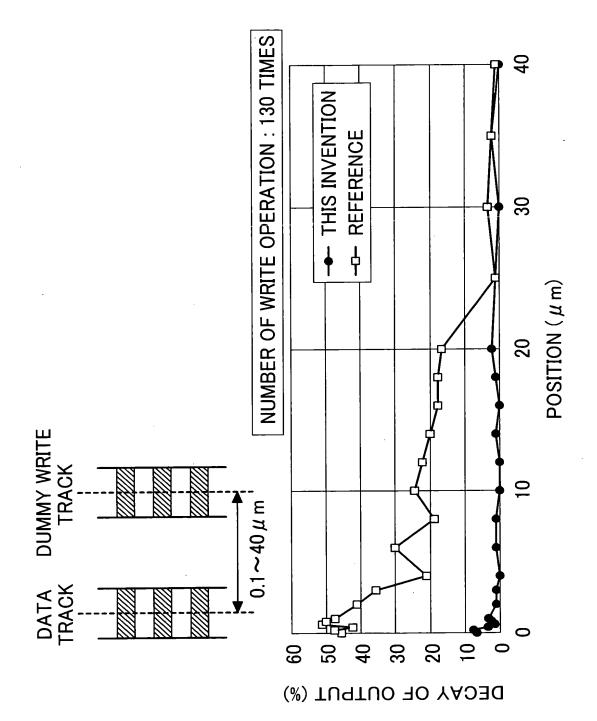
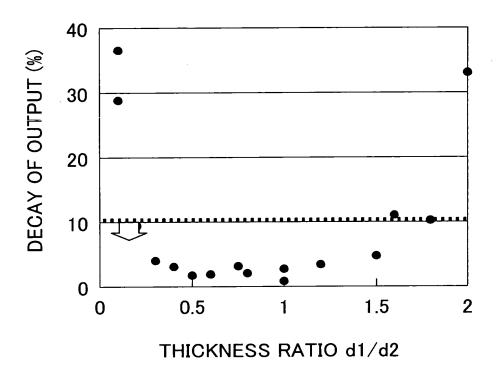


FIG.9

NUMBER OF WRITE OPERATION : 1000 TIMES POSITION OF DUMMY WRITE TRACK : 1  $\mu$  m  $\,$ 



**FIG.10** 

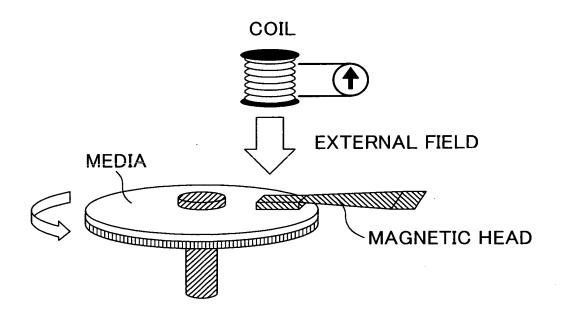


FIG.11

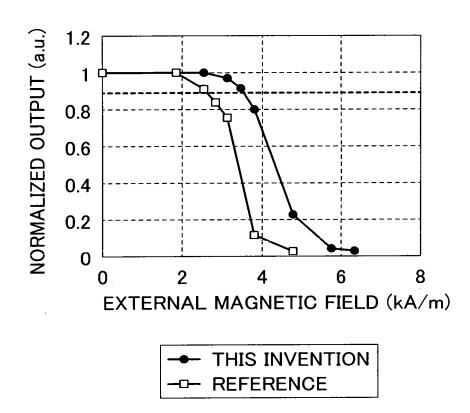


FIG.12

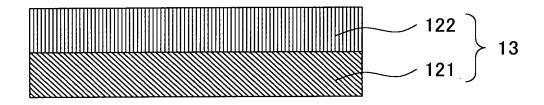


FIG.13

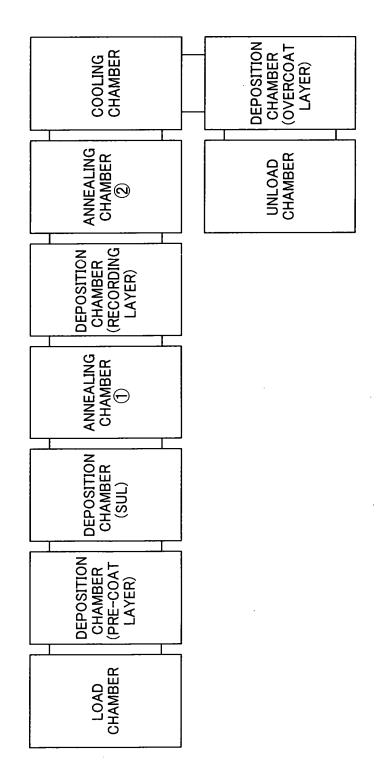


FIG.14

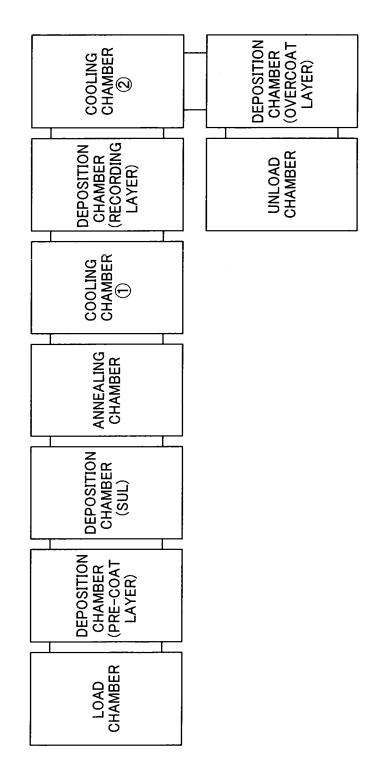


FIG.15A

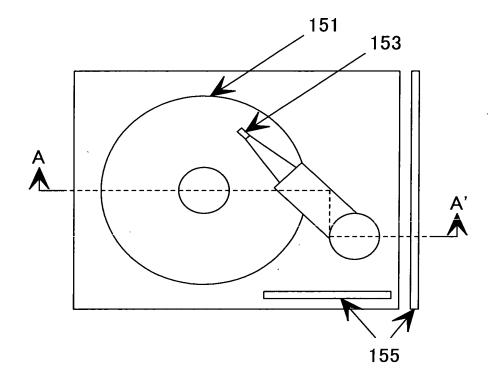


FIG.15B

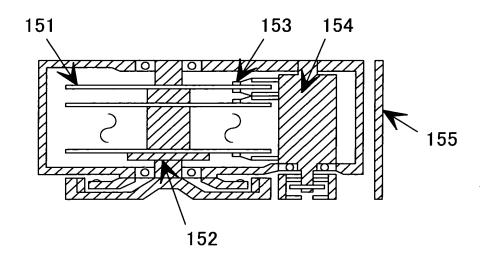


FIG.16

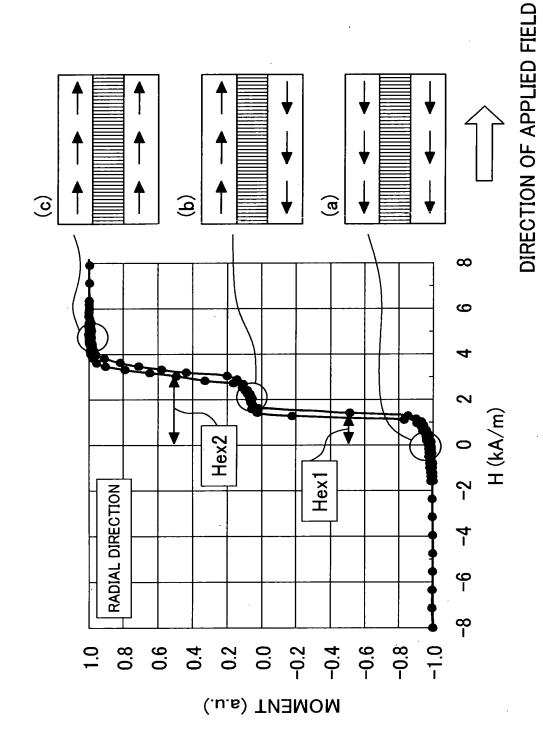


FIG.17

